

## Table ENG-1. - Construction Materials

Prince George County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:					
Ackwater	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	5	Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated	
1B:					
Ackwater	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	5	Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated	
1C:					
Ackwater	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	5	Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated	
2C3:					
Ackwater	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	5	Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated	
2D3:					
Ackwater	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	10	Not Rated		Not Rated	
Montross	10	Not Rated		Not Rated	

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# Table ENG-1. - Construction Materials - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
3:					
Argent	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bolling	5	Not Rated		Not Rated	
Muckalee	5	Not Rated		Not Rated	
4A:					
Aycock	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ackwater	3	Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Montross	3	Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated	
4B:					
Aycock	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ackwater	4	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated	
5:					
Bojac	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	0.90
Pamunkey	8	Not Rated		Not Rated	
Bolling	7	Not Rated		Not Rated	
6:					
Bolling	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6:					
Argent	5	Not Rated		Not Rated	
Pamunkey	5	Not Rated		Not Rated	
7B:					
Bonneau	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.27
Burrowsville	4	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
7C:					
Bonneau	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.27
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
8A:					
Burrowsville	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.06
		Thickest layer	0.00	Thickest layer	0.09
Bonneau	7	Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated	
8B:					
Burrowsville	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.06
		Thickest layer	0.00	Thickest layer	0.09
Bonneau	7	Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated	

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**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9:					
Catpoint	95	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.99
		Thickest layer	0.00	Thickest layer	>0.99
Muckalee	5	Not Rated		Not Rated	
10:					
Chickahominy	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Newflat	8	Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated	
11B:					
Emporia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Bonneau	5	Not Rated		Not Rated	
Burrowsville	5	Not Rated		Not Rated	
Norfolk	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
11C:					
Emporia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Ackwater	7	Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated	
12F:					
Emporia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Kinston	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Lynchburg	6	Not Rated		Not Rated	

13D:

**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13D:					
Emporia	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Slagle	35	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08
Kinston	10	Not Rated		Not Rated	
Lynchburg	10	Not Rated		Not Rated	
14:					
Kinston	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
15:					
Levy	95	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Muckalee	5	Not Rated		Not Rated	
16:					
Lynchburg	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Aycock	4	Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated	
Rains	4	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
17:					
Lynchburg	55	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

# Table ENG-1. - Construction Materials - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17:					
Slagle	25	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08
Emporia	10	Not Rated		Not Rated	
Kinston	10	Not Rated		Not Rated	
18A:					
Montross	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ackwater	8	Not Rated		Not Rated	
Aycock	7	Not Rated		Not Rated	
18B:					
Montross	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ackwater	5	Not Rated		Not Rated	
Aycock	5	Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated	
19:					
Muckalee	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Bolling	8	Not Rated		Not Rated	
Levy	7	Not Rated		Not Rated	
20:					
Newflat	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Peawick	8	Not Rated		Not Rated	
Chickahominy	7	Not Rated		Not Rated	
21:					
Norfolk	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08

**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21:					
Bonneau	4	Not Rated		Not Rated	
Burrowsville	4	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
22A:					
Pamunkey	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.08
Argent	5	Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated	
22B:					
Pamunkey	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.08
Argent	5	Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated	
23A:					
Peawick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Chickahominy	5	Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated	
23B:					
Peawick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Chickahominy	5	Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated	

# Table ENG-1. - Construction Materials - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:					
Wickham	5	Not Rated		Not Rated	
23C:					
Peawick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Newflat	8	Not Rated		Not Rated	
Wickham	7	Not Rated		Not Rated	
24:					
Rains	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Kinston	5	Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
25A:					
Slagle	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08
Burrowsville	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Lynchburg	3	Not Rated		Not Rated	
Montross	3	Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated	
25B:					
Slagle	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08
Kinston	4	Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated	



**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25B:					
Burrowsville	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
25C:					
Slagle	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.08
		Thickest layer	0.00	Thickest layer	0.08
Ackwater	7	Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated	
26:					
Udorthents	75	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Pamunkey	4	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Argent	3	Not Rated		Not Rated	
Bolling	3	Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated	
27:					
Udorthents	80	Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated	
Urban Land	3	Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated	

# Table ENG-1. - Construction Materials - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27:					
Wickham	2	Not Rated		Not Rated	
28:					
Urban land	80	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated	
Ackwater	2	Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated	
29:					
Urban land	70	Not Rated		Not Rated	
Udorthents	20	Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated	
Ackwater	1	Not Rated		Not Rated	
Emporia	1	Not Rated		Not Rated	
Lynchburg	1	Not Rated		Not Rated	
Newflat	1	Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated	
Wickham	1	Not Rated		Not Rated	
30A:					
Wickham	90	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.12
Peawick	10	Not Rated		Not Rated	

30B:

**Table ENG-1. - Construction Materials - Continued**

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30B:					
Wickham	90	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.12
Peawick	10	Not Rated		Not Rated	
30C:					
Wickham	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.12
Emporia	7	Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	